

FUNDINGER, ing.; SCHON, Gyula [translator]

Stationary flame-cutting machines suitable for cutting optional shapes. Gepgyartastechn 2 no.4:121-128 Ap '62.

1. "Gepgyartastechnologia" szerkeszto bizottsagi tagja.

SCHON, Gyula

An account of the 9th International Conference on Heat Treatment in Lausanne. Gepgyartastechn 3 no.4:134-137 Ap '63.

1. Femaru es Szerszámgepgyar; "Gepgyartastechnologia" szerkeszto bizottsagi tagja.

BORCHERT, O.; GRAF, W.; HIRSCH, W.; SCHON, Gyula [translator]

Carbonitration with slightly activated salt bath. Gepgyar-
tastechn 3 no.5:183-188 My'63.

1. "Gepgyartastechnologia" szerkeszto bizottsagi tagja
(for Schon).

13

The chemistry of ion-exchange resins. János Schön.
Magyar Kém. Lapja 6, 61-84 (1951).--Review. I. Fülöp

S/264/62/000/003/004/007
1006/1206

AUTHOR: Schön, Richard

TITLE: A helicopter rotor bushing providing automatic transition to autorotation

PERIODICAL: Referativnyy zhurnal, vozdushnyy transport, svodnyy tom, no. 3, 1962, 29, abstract
3 A 194 P. Polish patent, class 62b, 25/01, no. 43190, July 11, 1960

TEXT: A design of the bushing of a helicopter rotor is patented, which provides automatic decrease of angle of incidence of blades (L) on account of the centrifugal forces, acting on special counterweights, whose position determines the angle of incidence L by the kinematical linkage between L and pivots retaining the counterweights.

[Abstracter's note: Complete translation.]

Card 1/1

S/264/62/000/003/005/007

I028/I228

AUTHOR Schön, Richard

TITLE Mechanism of bushing of helicopter rotor

PERIODICAL Referativnyy zhurnal, vozdushnyy transport, svodnyy tom, no. 3, 1962, 29, abstract
3 A 195 P Polish patent, class 62b, 25/01, no. 43192, July 12, 1960

TEXT Mechanism of bushing of a 2-bladed rotor is patented. The blade roots are attached to the rotor axis by a Cartan-coupling, which comes out during inclination of the disc to be in one plane with the rotating blades. The cyclic variation of blade incidence which is produced by the longitudinal and lateral control of the helicopter is not violated in this way. The bushing diagram is presented. ✓

[Abstracter's note Complete translation.]

Card 1/1

SCHON, V.

PHASE I BOOK EXPLOITATION

YUG/3988

Savjetovanje industrijskih elektronicara, Zadar, 1956

Industrijska elektronika; referati održani na savjetovanju industrijskih elektronicara u Zadru (Industrial Electronics; Reports Given At the Conference On Industrial Electronics in Zadar, August 6-11, 1956) Zagreb, Komisija za elektroniku društva alatnicara FNRJ, 1958. 230 p. No. of copies printed not given. No contributors mentioned.

PURPOSE: This collection of reports promotes the use of electric and electronic devices in modernizing industrial plants. It is intended for management and technical personnel of Yugoslav industry.

COVERAGE: The collection contains papers presented during the convention of industrial electronic specialists which took place in Zadar (Yugoslavia) August 6-11, 1956. In these papers, the following problems were discussed: effect of automation on national economy, equipment used for automation of industrial processes, application of radar in modern warfare, industrial television, use of ultrasonics in machining, and computers. In addition to the reports published in this collection, the following papers were presented at the convention:

Card 1/7

YUG/3988

Industrial Electronics

Professor Dr. Josip Lončar, Electrical Engineering Department, Zagreb University "Devices With Ionization Chamber for Measurement of Total and Instantaneous Gamma Radiation as a Factor in Protection Against Radiation"; Artemije Sahazarov, Shipbuilding Department, Zagreb University. "Utilization of Electronics for Military Purposes"; Tihomir Bratolić, Electrical Engineering Department, Zagreb University. "Automatic Voltage Regulator for Synchronous Motors"; Maks Konrad, Ruder Bošković Institute, Zagreb, "Electrical Equipment for Measuring Radiation in Using Isotopes for Scientific and Industrial Purposes"; and S. Vukelić, Technical Director of the Vlado Bagat Plant, Zadar. Development and Prospects of the Vlado Bagat Plant. References accompany 9 papers.

TABLE OF CONTENTS:

Introduction

Foreword

Cetinić, Marin, Chairman of Board, Economics Committee of Croatian People's Republic. Effect of Automation on Economic Progress 1
The author stresses the importance of the convention, and the possibilities offered to the country by automation.

Card 2/7

Industrial Electronics

YUG/3988

Schön, Victor, Engineer, Councillor, Secretariat of Executive Committee for Industry of Croatian People's Republic. Cooperation in Production of Electronic Equipment

7

The author presents a program for cooperation of various plants supplying materials for construction of electronic control devices.

Vidmar, Branko, Engineer, Vlado Bagat Plant, Zadar. Electronic Products of the Vlado Bagat Plant

15

The plant produces electric and electronic aids to navigation, radiation meters, and radio equipment for signal communication and meteorology.

Muljević, Vladimir, Doctor, Docent, Department of Electrical Engineering, Zagreb University. Components and Equipment for Automation of Industrial Processes

21

The author describes the principles of measuring devices used in various industrial processes. There are 7 references: 6 German and one English.

Card 3/7

L 13218-66

ACC NR: AP6006106

SOURCE CODE: CZ/0053/65/014/004/0323/0323

AUTHOR: Schon, V.; Martinek, Z.

27

ORG: Institute of Physiology, CSAV, Prague (Fysologicky ustav CSAV)

B

TITLE: Photoelectric registration of the duration of feeding [This paper was presented during the Twelfth Pharmacologic Days, Smolenice]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 323

TOPIC TAGS: dog, medical laboratory instrument, photoelectric cell

ABSTRACT: A detailed description and diagram of a simple device to record the duration of feeding in dogs, based on photocell beam interruption is given. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06 / SUBM DATE: none / SOV REF: 003

jrn

Card 1/1

2

SCHONBACH, H.; SZONYI, Laszlo, dr., a mezogazdasagi tudomanyok (erdeshet)
kandidatusa [translator]

Achievements in the improvement of aspens (Populus tremula L.)
in the German Democratic Republic. Erdo 12 no.12: 569-573 D'63.

1. Erdeszeti Tudomanyos Intezet Erdeszeti Nemesitesi Osztalya,
Tharandt (for Schonbach).

SCHONBACH, Ladislav

Damage to chimneys caused by gas heating. Poz stavby
11 no.11:610 '63.

1. Prumstav Praha.

TURCU, I., dr.; SCHONBACH, M., dr.; BILCU, Clementina, chimist

Biological bases and clinical value of the MacLagan test in epidemic hepatitis. Microbiologia (Bucur) 8 no.4:363-370
Jl-Ag '63.

1. Lucrare efectuata in Spitalul de boli contagioase Nr. 2, Bucuresti.

(HEPATITIS, INFECTIOUS)
(LIVER FUNCTION TESTS)

SCHONBAUER, L.

Simmelweiss and lister. Acta chir. Hung. 2 no.2:165-169 '61.

1. I Chirurgische Klinik (Direktor: Prof. Dr. L. Schonbauer) der
Medizinischen Universität, Wien,
(SURGERY hist.) (BIOGRAPHIES)
(ANTISEPSIS history)

SCHONBERG, N.

Data on the feed base and nutrition of the plankton-feeding in Vortsjarv.
p. 191.

HYDROBIOLOGICAL URIMUSE. GIDROBIOLOGICHESKIE ISSLEDOVANIA.
Tartu. Hungary. No. 1, 1958.

Monthly List of East European Accessions (EAI) LC, vol. 8, no. 11
November 1959.

Uncl.

SCHÖNBERGER, CL.
RUMANIA/Organic Chemistry - Synthetic Organic Chemistry.

G-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46640
Author : T. Dérger, Fl. Gagi, Cl. Schönberger
Inst : -
Title : Study of Synthesis of Some New Derivatives of Isovaleric Acid.
Orig Pub : Farmacia (Romin)., 1957, 5, No 3, 224-228
Abstract : Iso-C₅H₁₁OH is oxidized to iso-C₄H₉COOH with KMnO₄ in an alkaline medium at 10 to 15°, the yield is 83%.
(CH₃)₂CHCHBrCOBr is condensed with NH₂COOC₂H₅ in toluene (1 : 1.2 moles), the yield of (CH₃)₂CHCHBrCONHCOOC₂H₅ (I) is 80%, melting point - 110 to 111°. 1 mole of (CH₃)₂CHCHBrCONHCONH₂ and

Card 1/2

SCHONBERGER, C.

ROMANIA

SCHONBERGER, C.; VUINESCU, V.; DALOGH, A.

Bucharest, *Revista de Chimie*, No 11-12, Nov-Dec 63, Vol 14,
pp. 638-639

"Study of Toxylic Esters of the Glycolic and Lactic Nitriles."

SCHONBERGER, CL.; VOINESCU, V.; BALOGH, A.

Tosylic esters of the glycolic and lactic nitriles. Rev chimie
Min petr 14 no.11/12:688-689 NOV'63.

1. Institutul de cercetari chimico-farmaceutice, Filiala Cluj.

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REICHEL, J.; SCHONBERGER, E.

A precision about the preparation of terephthalic-acid dichloride.
Studii chim Timisoara 6 no.3/4:81-83 J1-D '59. (EEAI 10:4)
(Terephthalic acid) (Thionyl chloride)

CARDARIU, I.; SCHONBERGER, E.

Reaction of methane with carbon monoxide in electric discharges.
Studia Univ B-B S. Chem 7 no.1:47-52 '62.

CADARIU, I.; SCHONBERGER, E.

Reaction of methane with carbon monoxide on the Ni-Si and
Co-Si catalyzer. Studia Univ B-B S. Chem 7 no.2:99-104 1962.

CADARIU, I.; SCHONBERGER, E.

Kinetics of reaction between methane and carbon monoxide in electric discharges. Studia Univ B-B S Chem 8 no.1: 19-22 '63

1. "Babes-Bolyai" University, Cluj.

L 2043-66 EWP(t)/EWP(b) JD

ACCESSION NR: AP5027061

RU/0017/65/000/004/0184/0188

AUTHOR: Schonberger, F. (Engineer); Margheanu, M. (Engineer)

TITLE: Improvements in the manufacturing technology of ingot moulds

SOURCE: Metalurgia, no. 4, 1965, 184-188

TOPIC TAGS: metal casting, metallurgic process

Abstract [Authors' English summary modified]: A report on improvements in the manufacturing technology for ingot molds at the Victoria Works which resulted in the reduction of waste and a considerably increased durability of the molds. The measures described include desulphurization in the ladle with 0.6 percent soda, modification of the cupolas for the preparation of cast iron, a new recipe for refractory dyes, and the addition of a slag collector to the casting network. Orig. art. has 4 figures, 3 formulas, and 5 graphs.

ASSOCIATION: Uzinele "Victoria", Calan (Victoria Works)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF SOV: 000

OTHER: 003

JPRS

Card 1/1

L 15926-66 EWP(3)/EWP(t) JD
 ACC NR: AP6008369 SOURCE CODE: RU/0017/65/000/002/0076/0080
 AUTHOR: Schonberger, F. (Engineer); Marghescu, M. (Engineer)
 ORG: "Victoria" Works, Calan (Uzinele "Victoria") 27
 TITLE: Some considerations concerning the durability of ingot molds manu- 8
 factured at the "Victoria" Works of Calan
 SOURCE: Metalurgia, no. 2, 1965, 76-80
 TOPIC TAGS: pig iron, metal casting, chemical composition, durability,
 metallurgic machinery
 ABSTRACT: An analysis of the manufacture and conditions of use of ingot molds
 leads to the establishment of some relations between chemical composition and
 durability of pig iron. The analysis was based on the construction and reasons
 for discarding of ingot molds of various types manufactured by the Victoria Works
 of Calan and used by the Hunedoara and Resita Siderurgical Combines. Orig. art.
 has: 7 figures and 3 tables. [JPRS]
 SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 001

ROSENBERG, M.; NICOLAU, P.; NICOLAE, I.; TANASOIU, C.; MIHALCU, M.; BARBULESCU, A.; COHN, Z.; SCHONBERGER, P.

Studies on the thermistors in Rumania. Studii cerc fiz 12 no.4: 909-912 '61.

1. Institutul de fizica, Bucuresti (for Rosenberg, Nicolau, Nicolae, and Tanasoiu). 2. Uzinele Electronica, Bucuresti (for Mihalcu, Barbulescu, Cohn, and Schoenberger).

SCHONBERGER, V.

Tasks of the "Automatica" enterprise. Meres automat 9 no.12:358-359
D '61.

1. "Automatica" vallalat muszaki igazgatoja, Bucharest, Rumania.

(Rumania--Automation)

BRAUNER, R., Prof.; MOLHO, M., dr.; SCHONFELD, L., dr.;
CIGULESCU-AUDIZZIO, M., dr.; PANDELESCU, L., dr.

Notes on a case of erythroblastic anemia. Med. int., Bucur.
8 no.2:211-219 Apr-May 56.

1. Clinica medicala a Spitalului Brincovenesc.
(ANEMIA, ERYTHROBLASTIC
diag., clin. & hematol. aspects)

SCHONFELD, L.

BRAUNER, R.;GALEA, Gh.;SCHONFELD, L.;DEMAYO, A.;RADULESCU, M.

Cortisone therapy of a hemorrhagic form of periarteritis nodosa.
Med. int., Bucur. 9 no.6:938-946 June 57.

1. Clinica medicala, Spitalul "Brincovenesc".
(PERIARTERITIS NODOSA, therapy
cortisone, in hemorrh. periarteritis)
(CORTISONE, ther. use
periarteritis nodosa, hemorrh.)

MOLHO, M.; SCHONFELD, L.

Respiratory acidosis. Med. int., Bucur. 9 no.8:1230-1245 Aug 57.

1. Lucrare efectuata in Clinica medicala a Spitalului "Brincovenesc"
Director: prof. R. Brauner.

(ACIDOSIS

resp., physiopathol. & ther.)

(RESPIRATION

resp. acidosis, physiopathol. & ther.)

BERLOGEA, I.; STRATI, I.; SCHOENFELD, S.; in colaborare cu D. Sarateanu,
G. Marinescu si W.T. Wuhan

Data on ornithosis infection in irradiated and non-irradiated
white rats. Stud. cercet. inframicrobiol., Bucur. 11 no. 1: 111-
115 '60.

1. Comunicare prezentata la Institutul de inframicrobiologie al
Academiei R.P.R. in Sesiunea stiintifica festiva din 17-18 august
1959.

(ORNITHOSIS experimental)

(RADIATION EFFECTS experimental)

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																																																			
<i>ca</i> Laboratory methods for testing content and condition of soils. Sankar Schönlicht, <i>Metallurgische Katalysator 6, 1031-9(1931)</i>.--The theoretical principles of the limit-value methods are discussed in view of the laws of Mitscherlich. Data are presented from expts. on the soly. of soil P_2O_5 according to the method of Saidel-Stancovici-Pavlovskii. S. S. de Finkiv 15																																																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																																																			
1ST AND 2ND ORDERS																																																			

15

THE DETERMINATION OF THE AVAILABLE PLANT NUTRIENTS IN SOILS WITH SPECIAL REGARD TO PHOSPHORUS. Sándor Schönfeld, *Magyar Tudományok Akadémiája* 12, 1-35 (1939).

The investigation of 500 Hungarian soil samples proved that no reliable conclusions can be drawn from soil analysis if only a single soil property (e. g., the soly. of plant nutrients) has been studied. Estn. of the amount of the easily sol. plant nutrients in soils seems to be a very uncertain basis for the prediction of crop responses to various fertilizers. The content of easily sol. plant nutrients detd. by soil analysis is but a fraction of easily sol. nutrients actually available to plants. Much better agreement between the results of soil analyses and practical crop response observations would be obtained if the limit values for deficiency or nondeficiency of the single nutrients were given separately for the various soil groups, made up on the basis of important soil properties. The method of de Sigmond is based on this principle, stating various limits for evaluation according to the degree of alkalinity of soils. This is, however, not enough to give reliable results. The amount of sol. P obtained by soil analysis seems to be unequal in soils of the same degree of alky. if the soils are grouped according to their pH values or to their physical properties.

AS 51.1 A METALLOGICAL LITERATURE CLASSIFICATION

The determination of the nutrient requirements of soils by laboratory methods. Sándor Schönfeld and Erzsébet Domótor. *Mészgázdasági Közlemények* 13:219-230 (1940). Agreement of results of the HNO_3 method of Sigmond with practical crop responses can be increased to about 80%, if the Sigmond values are evaluated on a new basis with consideration of other soil properties. The degree of alkalinity (D_a) is composed of (1) the amount of acid neutralized by the CaCO_3 content of the soil (D_{Ca}) and (2) the amount of acid neutralized by the soil complex free of CaCO_3 (D_s). In soils free from CaCO_3 , $D_a = D_s =$ the cc. of $N \text{ HNO}_3$ sufficient for neutralization of 100 g.

soil. If the soils are arranged in a system in which $x = 0.1 D_{Ca}$ (where x is the lime required in quintals to each Hungarian acre (= 1.4 acre)) and $y = 10 D_s$, then the "active" soils (which show crop responses to phosphate fertilizers) are distinctly sepd. from the "inactive" ones. The theoretical basis of the system is the various possibilities of combination of phosphates in soils and the varying abilities of plants to take up phosphates combined with calcium or other elements of the soil.

S. de Finály

C A		13	
Influence of soil properties and fertilization on the quality and quantity of sugar beet and mangold yields. Sandor Jelenfeld (Hungarian Chem. Inst. and Central Expt. Sta., Budapest, Hungary). <i>Kisföldügyi Közlemények</i> 46, 51-61 (1943).--On acid soils higher av. yields of sugar beet and higher contents of dry matter in sugar were obtained than on calcareous soils under similar conditions. The mean sucrose content of sugar beet varied inversely with the pH value of the soil. Av. yields of mangolds were highest on calcareous soils but dry matter and sugar content were highest on acid soils. Mangold responds better to fertilizer applications than does sugar beet. P-contg. substances produce a greater increase of sugar content of mangolds. István Erdélyi			
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION			

Influence of soil properties and fertilization on the quality and quantity of potato yields. Sándor Schönfeld (Hungarian Chem. Inst. and Central Expt. Sta., Budapest, Hungary). *Kísérleti Gazdálkodás* 46, 63-6 (1943).—Highest yields with respects to amount as well as to starch content were obtained on acid, unlimed soils; next were yields on lime-treated acid soils, and last on calcareous soils. Percentage starch contents of potatoes were higher on calcareous or limed soils than on acid soils. On calcareous soils which were, according to the method of Schönfeld-Domotor, p-active soils each applied kg. of P fertilizer produced a 0.4-g. increase in total yield and a 1-g. increase in starch contents. I. F.

434-31A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSING AND PROPERTIES INDEX																																																			
CA 15 Effect of soil properties and fertilization on the quality and quantity of wheat. Sándor Schönfeld (Hungarian Chem. Inst. and Central Expt. Sta., Budapest, Hungary). <i>Kísérleti Közlemények</i> 46, 67-79 (1943).—Highest yields of wheat were obtained on soils ranging in pH value from 6.6 to 7.5. Wheat of best quality, contg. most gluten, was grown on calcareous soils with pH values below 7.5. N-contg. fertilizers improved the quality and quantity of wheat. K fertilizers when used together with N fertilizers produced wheat that gave a better flour. Superphosphate had in most cases no effect at all. No correlation was found between the results of field expts. and analytical data obtained by lab. methods. I. Finally. Artificial fertilizers—a world problem. T. Chęciński. <i>Przemysł Chem.</i> 3, 73-5 (1947) (in Polish).—A review of the world's requirements for N, P₂O₅, and K₂O. Frank Connet																																																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION FROM ROM/UV																																																			

15

Conservation and increase of producing capacity of
soda. Sándor Schönfeld (Hungarian Chem Inst. and
Central Lab. Sta., Budapest, Hungary). Agrotéko-
mányi Szemle 1, 193-201(1947).—General discussion
reporting up-to-date methods and views, with 43 ref-
erences. István Fénye

ASS. SLA METALLURGICAL LITERATURE CLASSIFICATION

CA 73

Determination of lime requirement of soils. Károly Sik and Sándor Schönfeld. *Agrokémia* 1, No. 7, 11-14(1949).— When the lime requirement of Hungarian soils is detd. on the basis of the degree of stickiness and the value of hydrolytic acidity, the amount of lime is usually not enough to change the harmful phys. properties of the soil. It was attempted to find another method which also includes the detn. of the effect of the liming agent on the degree of dispersion. When a given amt. of soil sample is suspended in an aq.

soln. of $\text{Ca}(\text{OH})_2$, CaCO_3 , CaSO_4 , or mixts. of these compds., the light-absorbing capacity of the liquids changes accordingly. Soil treated with lime showed higher light absorptions in some cases, but usually the relative degrees of light absorption decreased after liming. Further exatms. are needed to form definite correlations. István Fiala

C. A.
1951

Soils and Fertilizers
13

More important soil bacteria and their significance.
Istvánó Bolbolay and Sándor Schoufeldt. *Agrokémia* 1,
No. 8, 30-43 (1949).-- A review with 63 references. 1. P.

The role of root nodule bacteria in imparting firm struc-
ture to soils. K. I. Rudakov and M. R. Birkel (All-Soviet
Inst. Agr. Microbiol., Moscow). *Mikrobiologiya* 20, 270-83
(1951).-- Root-nodule bacteria, in mediums contg. galactose,
form galacturonic acid and tend to humify soil, forming
agglutinated aggregates. In glucose mediums this effect
is not obtained. Julian F. Smith

C. A.

Soil science problems. Sándor Schönfeld. *Agricultural*
Journal 1, 136-40 (1949).—Correlation of soil condition and
quality of products is emphasized. To obtain first-grade
raw products for the agricultural industry, soil conditions
must be maintained high. 34 references. I. F.

CA

Results of experiments with fertilizers. Sándor Schönfeld. *Agrotudomány* 1, 319-29 (1940). -- The results of fertilizer expts. in Hungary during the years 1932-37 showed that N fertilizers gave the highest plus yields. The yield increase due to the effect of P fertilizers was below that of N fertilizers excepting on limy soils where sometimes the effect of fertilizers contg. P exceeded that of N-contg. ones. The increase of yield was, for sugar beets on acid soil 30.5 kg./applied kg. of N fertilizer and 19.5 kg./kg. P fertilizer, on acid, limed soil 80.5 and 7.0 kg. and on calcareous soil 35.5 and 65.0 kg. on 1 Hungarian acre (0.575 ha.). The yield increase of mangolds was 29.0 (N) and 91.0 (P) on acid unfertilized soil and 38.5 and 50.0 kg. on acid, limed soil. Potatoes showed yield increases of 143.0 (N) and 19.5 (P) on acid, unfertilized soil, 45.5 and 22.0 on acid, limed soil and 14.5 and 0.5 kg. on calcareous soil. Wheat gave yield increases 3.4-15.6 (N) and 1.6-3.8 kg. (P) according to character of soil. The quality index of wheat harvested from various exptl. plots was 50.9 (unfertilized plots), 50.0 (P), 51.2 (NP), 52.3 (NK), 51.3 (PK), and 52.4 (NPK). K fertilizers showed gener-

ally insignificant effects when compared to those of N and P fertilizers excepting potatoes where 26-30 kg. yield increase was obtained by 1 kg. fertilizer. The reliability of the method of Sigmund (C.A. 24, 4574) was studied and it was found that the P₂O₅ content obtained by this method gives reliable information about the expected effects of fertilization if the evaluation is combined by other soil peculiarities. Acid soils which show pH values below 7.0 in aq. suspension must be judged differently from soils with higher pH numbers. Another system must be applied to calcareous soils below pH 8.0 in aq. suspension and above this value. Two diagrams are given for both kinds of soils where a designated area shows the soils responding actively to P fertilization. Both below and above this area any soils are inactive as regards fertilization. If the results of the field expts. during 1932-37 were taken, on this base then the theoretical results showed agreeing data in 81% of cases. The results of other expts. made in Hungary are also summarized. New expts. are planned to state the best practical methods of fertilization. 104 references.

István Fényes

Schonfeld, Sándor

Investigation of content of soluble phosphorus in soils on the basis of the experiences of the Soviet soil science research workers. Sándor Schönfeld and Lojósé Paik (Agrochem. Research Inst., Budapest). *Agrokémia és Talajtan* 1, 15-24(1951).—The conversion of soil P into the insol. form is due to adsorption; sesquioxides playing an important role in this process. Therefore a method was evolved for the detn. of the P-fixing capacity of sesquioxides, based upon the difference of amts. of P_2O_5 extd. from the soil sample by a mixt. of 200 ml. 2.1% $Na_2C_2O_4$ and 25 ml. 10% Na_2SO_4 , adjusted to pH 7.0 and made up to 250 ml. with distd. water, and 25 ml. 10% Na_2SO_4 , adjusted to pH 9.0 and made up to 250 ml. with distd. water. This difference was equal to the quantity of P_2O_5 adsorbed (fixed) by sesquioxides. The values obtained by this method enable a finer discrimination of soils than on the basis of P amts. found in acid exts. of soils. István Finály

AG

①

SCHÖNFELD SANDOR

AG ✓ Comparative soil analyses with different laboratory methods. Sándor Schönfeld (Agrochem. Research Inst., Budapest). *Agrokémia és Talajtan* 1, 189-200 (1951).—To study the lab. detn. of the nutrient content of soils, topsoil and subsoil samples of 8 soils of various types were examd. by different methods. The P content was detd. by (1) the Sigmond method, (2) the original Egnér method, (3) the Egnér method as modified by Richm-Várallyay (allowing to stand for 24 hrs., shaking for 30 min., and then filtering), and (4) the Egnér method as modified by S. (shaking twice for 1 hr. within a period of 24 hrs.). By methods 2 and 3 more P_2O_5 was extd. from soils poor in lime than from calcareous soils, and, in general, higher P_2O_5 contents were given than with methods 1 and 4. By method 4, the nutrient differences in soils could be distinguished to a greater degree. The K content was detd. by (1) extn. of 1 g. soil with 20 ml. 0.25N NH_4Cl , (2) extn. of 1 g. soil with 5 ml. 0.2N NH_4Cl , (3) extn. of 1 g. soil with 20 ml. 0.25N NH_4NO_3 , and (4) extn. of 1 g. soil with 5 ml. 0.2N NH_4NO_3 . Av. values obtained with these methods were: (1) 37.5, (2) 12.0, (3) 14.4, (4) 10.1 mg. K_2O in 100 g. soil; method 1 yielding, in general, higher data. Av. values obtained for P_2O_5 content were: in calcareous soils (1) 72.6, (2) 1.9, (3) 3.1, (4) 17.4; in soils poor in lime (1) 41.8, (2) 5.16, (3) 5.35, (4) 19.65 mg. in 100 g. soil. Expts. are in progress to test the suitability of a borate soln. for extg. soil nutrients. István Fidy

SCHONFELD, SANDOR

Periodical changes in soil properties. Karoly Mik and Sandor Schönfeld (Agrochem. Research Inst., Budapest). *Agrochimica et Talajtan* 1, 269-90(1952). Properties of soils generally detd. by lab. exams. such as pH values and nutrient contents showed considerable fluctuations in short intervals. To exam. this phenomenon, samples were taken 4 times a year from the same spots of 11 different types of soils. The analysis of original moist samples yielded values differing from that of air-dried soil samples. The general conclusion derived from the results indicates that the changing oxidation-reduction status of the soil plays a predominant role. In the more arid, warm period the moisture content of soil was reduced and the aeration was more intensive, hence oxidation processes were encouraged. The ferric iron thus formed bound much P owing partly to chem. linkage, partly to adsorption. In the moist, cool season Fe was reduced to the ferrous form. The amt. of exchangeable K showed reversible variations, probably connected with processes taking place in the adsorption complex, indicated by actual changes in pH and hydrolytic acidity values. Besides chem. processes the increased activity of soil microorganisms in soils of increased moisture content also played a role in developing changes in soil properties. I. F.

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The influence of various manures on soil. II. Lajos Kreybig, László Gáspár, Márta Végh, Sándor Schonfeld, István Perczel, and Gyula Latorczai (Ministry Local Inds., Budapest). *Agrokémia és Talajtan* 3, 67-74(1954)(French summary).—Expts. begun in 1950 (cf. Kreybig, *Agrokémiai Kutató Intézet Évkönyve* (1950)) with brown prairie soil were continued under anaerobic conditions. This was achieved by vigorously stamping the soil in the culture vessels whenever watering, to exclude air. While air made the soils acid, anaerobic conditions caused mineralization of the org. substances and led to a pH shift toward alkali. The org. content of the soils decreased by about 1/4. This was considerably accelerated by the addn. of synthetic fertilizers. Both active and total humus content decreased, and some of the active humus became inactivated. The N content decreased in general, probably by denitrification. The lower, more anaerobic soil layers had a N loss approx. 3 times as high as the higher, better-aired layers. The same was true of the org.-content distribution, leading to an over-all lowering of the C/N ratio. Treatment, start analysis, end analysis, and other data on the 20 soil samples are tabulated.

Peter D. Moskovits

SABO, I. [Szabo, I.]; MARTON, M.; VARGA, L.; ~~SHENFELD, Sh.~~ [Schonfeld, S.]

Comprehensive biological studies on the rendzina. Pochvovedenie
no.10:85-95 0 '62. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut pochvovedeniya i agrokhimii
Akademii nauk Vengrii, g. Budapesht.
(Hungary--Soil biology)

DARAB, Katalin; SCHONFELD, T.

Investigation of Cs^+ ion adsorption on clay minerals. Agrochem talajtan
10 no.4:539-546 D '61.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet, Budapest (for Darab)
2. Tudomanyegyetem Szervetlen es Fizikai-Kemiai Intezete, Wien (for Schonfeld).

SCHONFELD, V., MUDr

Present problems of inflammatory gynecological diseases. Cesk.gyn.
19 no.6:364-367 Nov 55.

1. UPMD Praha-Podoli, reditel prof. Dr Jiri Trapl
(GYNECOLOGICAL DISEASES,
inflamm.)

TICKY, Milos, MUDr; SCHONFELD, Vilem, MUDr

Experiences with punctures in chronic non-specific adnexitis.
Cesk.gyn. 19 no.6:383-386 Nov 55.

1. Ustav pro peci o matku a dite, Praha, reditel prof. Dr J.Trapl
(ADNEXITIS; therapy,
puncture in)

SCHONFELD, V., MUDr.; bakteriologicka spoluprace: Dr. E. Knedlhansova,
histologicka spoluprace: MUDr. J. Pospisil.

Certain bacteriological and histological aspects of adnexitis.
Cesk. gyn. 21 no.4:223:228 June 56. . .

1. UPMD, Praha Podoli, Reditel prof. MUDr. Jiri Trapl.
(ADNEXITIS,
bacteriol. & histol. (Cz))

SCHONFELD, V. MUDr.

Value of various laboratory & diagnostic tests in inflammation of
uterine ligaments. Cesk. gyn. 22/36 no.8:603-608 Dec 57.

1. UPMD, Praha - Podoli, reditel prof. MUDr J. Trapl.
(PELVIC SUPPORTING STRUCTURES, dis:
inflamm. of uterine ligaments, diag., technics (Cz))

SCHONFELD, V.; HOUSKA, O.

Manual separation of placenta in modern obstetrics. *Cesk. gyn.* 23[37]
no.6:462-468 Aug 58.

1. UPMD Praha-Podoli, reditel prof. dr. Jiri Trapl. V. Sch., UPMD
Praha-Podoli.

(PLACENTA

manual separation, technic, relation to maternal mortal.
& morbidity statist. (Cz))

SCHONFELD, V.
SCHONFELD, V. (Praha-Podoli, Nabr. K. Marx 157)

Experimental inflammation of the uterine cervix in rabbits. Cas. lek.
cesk. 97 no.3:76-80 Jan 58.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel prof. J. Trapl.
(CERVIX, UTERINE, dis.
exper. inflammation in rabbits (Cz))

SCHONFELD, Vilem; VALENTA, Milos

Contribution to x-ray diagnosis of fetal death in pregnancy. Cesk.
rentg. 13 no.4:249-254 Aug 59

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel prof. MUDr.
Jiri Trapl.

(FETUS)

SCHONFELD, V.; HERZMANN, J., Tech. spoluprace: J. mach, E. Vrchlabska.

Isolation of 17-ketosteroids in female hirsutism or virility. Cesk. gyn. 24[38] no.3:213-219 Mar 59.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel prof. dr. J. Trapl. V. Sch., UPMD, nahr. K. Marxe 157, Praha-Podoli.

(HAIR,

hirsutism in women, urinary 17-ketosteroids (Cz))

(VIRILISM, urine in,

17-ketosteroids (Cz))

(17-KETOSTEROIDS, in urine,

in female hirsutism & virilism (Cz))

VALENTA, Milos; SCHONFELD, Vilem

Free gas in fetal vessels after intrauterine death. Cesk. rentg.
14 no.2:117-121 Ap '60.

1. UPMD v Praze-Podoli, reditel prof. MUDr. Jiri Trapl.
(FETUS)

SCHONFELD, V.

Climacterium and associated disorders, Pathogenic and clinical aspects. Cesk. gyn. 25[39] no.1/2:4-10 Mr '60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. dr. M. Vojta.
(MENOPAUSE, compl.)

SCHONFELD, V.

Inflammation of the horns of the uterus experimentally induced in laboratory animals. Cesk.gyn. 25[39] no.7:543-546 S '60.

1. Ustav pro peci o matku a dite v Praze - Podoli, reditel doc.
dr. M.Vojta.

(UTERUS dis.)

SCHONFELD, Vilem, C.Sc.

Experimental inflammation of the uterine cornua in laboratory animals. II. Experiments with conditioning of animals before the experiment. Cesk.gyn.25[39] no.10:771-775 D '60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. dr. M. Vojta.

(UTERUS dis)

SCHONFELD, V., C.Sc.

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Cesk. gyn: 26 [40] no. 5: 389-391 ~~36~~ 461.

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(SEX BEHAVIOR) (CLIMACTERIC)

SCHONFELD, V.; MACH, J.; HERZMAN, J.

Polarographic studies on serum protein fractions in pregnant women. Cas.lek.cesk.99 no.39:1249-1251 23 S '60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel prof.dr.
J. Trapl.

(BLOOD PROTEINS in pregn)

(PREGNANCY blood)

SCHONFELD, V.

Climacterium, presenium and senium in women from the viewpoint of hormonal interrelationships. Cas.lek.cesk 100 no.7:Lek Veda Zahr: 33-37 17 F '61.

1. UPMD, Praha-Podoli, reditel doc. dr. M. Vojta, zaskouzily lekar CSSR.

(CLIMACTERIC physiol) (HORMONES physiol)

SCHONFELD, V.

1. "American Center of Scientific Research in Washington, D.C., 1948-1950, by Dr. V. Schonfeld, Editor and Co-Editor, Vol. 1 of the Collection, with Introduction (Library of Congress, Washington, D.C.), 1950, pp. 1-100, 101-102, 103-104, 105-106, 107-108, 109-110, 111-112, 113-114, 115-116, 117-118, 119-120, 121-122, 123-124, 125-126, 127-128, 129-130, 131-132, 133-134, 135-136, 137-138, 139-140, 141-142, 143-144, 145-146, 147-148, 149-150, 151-152, 153-154, 155-156, 157-158, 159-160, 161-162, 163-164, 165-166, 167-168, 169-170, 171-172, 173-174, 175-176, 177-178, 179-180, 181-182, 183-184, 185-186, 187-188, 189-190, 191-192, 193-194, 195-196, 197-198, 199-200, 201-202, 203-204, 205-206, 207-208, 209-210, 211-212, 213-214, 215-216, 217-218, 219-220, 221-222, 223-224, 225-226, 227-228, 229-230, 231-232, 233-234, 235-236, 237-238, 239-240, 241-242, 243-244, 245-246, 247-248, 249-250, 251-252, 253-254, 255-256, 257-258, 259-260, 261-262, 263-264, 265-266, 267-268, 269-270, 271-272, 273-274, 275-276, 277-278, 279-280, 281-282, 283-284, 285-286, 287-288, 289-290, 291-292, 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515-516, 517-518, 519-520, 521-522, 523-524, 525-526, 527-528, 529-530, 531-532, 533-534, 535-536, 537-538, 539-540, 541-542, 543-544, 545-546, 547-548, 549-550, 551-552, 553-554, 555-556, 557-558, 559-560, 561-562, 563-564, 565-566, 567-568, 569-570, 571-572, 573-574, 575-576, 577-578, 579-580, 581-582, 583-584, 585-586, 587-588, 589-590, 591-592, 593-594, 595-596, 597-598, 599-600, 601-602, 603-604, 605-606, 607-608, 609-610, 611-612, 613-614, 615-616, 617-618, 619-620, 621-622, 623-624, 625-626, 627-628, 629-630, 631-632, 633-634, 635-636, 637-638, 639-640, 641-642, 643-644, 645-646, 647-648, 649-650, 651-652, 653-654, 655-656, 657-658, 659-660, 661-662, 663-664, 665-666, 667-668, 669-670, 671-672, 673-674, 675-676, 677-678, 679-680, 681-682, 683-684, 685-686, 687-688, 689-690, 691-692, 693-694, 695-696, 697-698, 699-700, 701-702, 703-704, 705-706, 707-708, 709-710, 711-712, 713-714, 715-716, 717-718, 719-720, 721-722, 723-724, 725-726, 727-728, 729-730, 731-732, 733-734, 735-736, 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1329-1330, 1331-1332, 1333-1334, 1335-1336, 1337-1338, 1339-1340, 1341-1342, 1343-1344, 1345-1346, 1347-1348, 1349-1350, 1351-1352, 1353-1354, 1355-1356, 1357-1358, 1359-1360, 1361-1362, 1363-1364, 1365-1366, 1367-1368, 1369-1370, 1371-1372, 1373-1374, 1375-1376, 1377-1378, 1379-1380, 1381-1382, 1383-1384, 1385-1386, 1387-1388, 1389-1390, 1391-1392, 1393-1394, 1395-1396, 1397-1398, 1399-1400, 1401-1402, 1403-1404, 1405-1406, 1407-1408, 1409-1410, 1411-1412, 1413-1414, 1415-1416, 1417-1418, 1419-1420, 1421-1422, 1423-1424, 1425-1426, 1427-1428, 1429-1430, 1431-1432, 1433-1434, 1435-1436, 1437-1438, 1439-1440, 1441-1442, 1443-1444, 1445-1446, 1447-1448, 1449-1450, 1451-1452, 1453-1454, 1455-1456, 1457-1458, 1459-1460, 1461-1462, 1463-1464, 1465-1466, 1467-1468, 1469-1470, 1471-1472, 1473-1474, 1475-1476, 1477-1478, 1479-1480, 1481-1482, 1483-1484, 1485-1486, 1487-1488, 1489-1490, 1491-1492, 1493-1494, 1495-1496, 1497-1498, 1499-1500, 1501-1502, 1503-1504, 1505-1506, 1507-1508, 1509-1510, 1511-1512, 1513-1514, 1515-1516, 1517-1518, 1519-1520, 1521-1522, 1523-1524, 1525-1526, 1527-1528, 1529-1530, 1531-1532, 1533-1534, 1535-1536, 1537-1538, 1539-1540, 1541-1542, 1543-1544, 1545-1546, 1547-1548, 1549-1550, 1551-1552, 1553-1554, 1555-1556, 1557-1558, 1559-1560, 1561-1562, 1563-1564, 1565-1566, 1567-1568, 1569-1570, 1571-1572, 1573-1574, 1575-1576, 1577-1578, 1579-1580, 1581-1582, 1583-1584, 1585-1586, 1587-1588, 1589-1590, 1591-1592, 1593-1594, 1595-1596, 1597-1598, 1599-1600, 1601-1602, 1603-1604, 1605-1606, 1607-1608, 1609-1610, 1611-1612, 1613-1614, 1615-1616, 1617-1618, 1619-1620, 1621-1622, 1623-1624, 1625-1626, 1627-1628, 1629-1630, 1631-1632, 1633-1634, 1635-1636, 1637-1638, 1639-1640, 1641-1642, 1643-1644, 1645-1646, 1647-1648, 1649-1650, 1651-1652, 1653-1654, 1655-1656, 1657-1658, 1659-1660, 1661-1662, 1663-1664, 1665-1666, 1667-1668, 1669-1670, 1671-1672, 1673-1674, 1675-1676, 1677-1678, 1679-1680, 1681-1682, 1683-1684, 1685-1686, 1687-1688, 1689-1690, 1691-1692, 1693-1694, 1695-1696, 1697-1698, 1699-1700, 1701-1702, 1703-1704, 1705-1706, 1707-1708, 1709-1710, 1711-1712, 1713-1714, 1715-1716, 1717-1718, 1719-1720, 1721-1722, 1723-1724, 1725-1726, 1727-1728, 1729-1730, 1731-1732, 1733-1734, 1735-1736, 1737-1738, 1739-1740, 1741-1742, 1743-1744, 1745-1746, 1747-1748, 1749-1750, 1751-1752, 1753-1754, 1755-1756, 1757-1758, 1759-1760, 1761-1762, 1763-1764, 1765-1766, 1767-1768, 1769-1770, 1771-1772, 1773-1774, 1775-1776, 1777-1778, 1779-1780, 1781-1782, 1783-1784, 1785-1786, 1787-1788, 1789-1790, 1791-1792, 1793-1794, 1795-1796, 1797-1798, 1799-1800, 1801-1802, 1803-1804, 1805-1806, 1807-1808, 1809-1810, 1811-1812, 1813-1814, 1815-1816, 1817-1818, 1819-1820, 1821-1822, 1823-1824, 1825-1826, 1827-1828, 1829-1830, 1831-1832, 1833-1834, 1835-1836, 1837-1838, 1839-1840, 1841-1842, 1843-1844, 1845-1846, 1847-1848, 1849-1850, 1851-1852, 1853-1854, 1855-1856, 1857-1858, 1859-1860, 1861-1862, 1863-1864, 1865-1866, 1867-1868, 1869-1870, 1871-1872, 1873-1874, 1875-1876, 1877-1878, 1879-1880, 1881-1882, 1883-1884, 1885-1886, 1887-1888, 1889-1890, 1891-1892, 1893-1894, 1895-1896, 1897-1898, 1899-1900, 1901-1902, 1903-1904, 1905-1906, 1907-1908, 1909-1910, 1911-1912, 1913-1914, 1915-1916, 1917-1918, 1919-1920, 1921-1922, 1923-1924, 1925-1926, 1927-1928, 1929-1930, 1931-1932, 1933-1934, 1935-1936, 1937-1938, 1939-1940, 1941-1942, 1943-1944, 1945-1946, 1947-1948, 1949-1950, 1951-1952, 1953-1954, 1955-1956, 1957-1958, 1959-1960, 1961-1962, 1963-1964, 1965-1966, 1967-1968, 1969-1970, 1971-1972, 1973-1974, 1975-1976, 1977-1978, 1979-1980, 1981-1982, 1983-1984, 1985-1986, 1987-1988, 1989-1990, 1991-1992, 1993-1994, 1995-1996, 1997-1998, 1999-2000, 2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, 2011-2012, 2013-2014, 2015-2016, 2017-2018, 2019-2020, 2021-2022, 2023-2024, 2025-2026, 2027-2028, 2029-2030, 2031-2032, 2033-2034, 2035-2036, 2037-2038, 2039-2040, 2041-2042, 2043-2044, 2045-2046, 2047-2048, 2049-2050, 2051-2052, 2053-2054, 2055-2056, 2057-2058, 2059-2060, 2061-2062, 2063-2064, 2065-2066, 2067-2068, 2069-2070, 2071-2072, 2073-2074, 2075-2076, 2077-2078, 2079-2080, 2081-2082, 2083-2084, 2085-2086, 2087-2088, 2089-2090, 2091-2092, 2093-2094, 2095-2096, 2097-2098, 2099-2100, 2101-2102, 2103-2104, 2105-2106, 2107-2108, 2109-2110, 2111-2112, 2113-2114, 2115-2116, 2117-2118, 2119-2120, 2121-2122, 2123-2124, 2125-2126, 2127-2128, 2129-2130, 2131-2132, 2133-2134, 2135-2136, 2137-2138, 2139-2140, 2141-2142, 2143-2144, 2145-2146, 2147-2148, 2149-2150, 2151-2152, 2153-2154, 2155-2156, 2157-2158, 2159-2160, 2161-2162, 2163-2164, 2165-2166, 2167-2168, 2169-2170, 2171-2172, 2173-2174, 2175-2176, 2177-2178, 2179-2180, 2181-2182, 2183-2184, 2185-2186, 2187-2188, 2189-2190, 2191-2192, 2193-2194, 2195-2196, 2197-2198, 2199-2200, 2201-2202, 2203-2204, 2205-2206, 2207-2208, 2209-2210, 2211-2212, 2213-2214, 2215-2216, 2217-2218, 2219-2220, 2221-2222, 2223-2224, 2225-2226, 2227-2228, 2229-2230, 2231-2232, 2233-2234, 2235-2236, 2237-2238, 2239-2240, 2241-2242, 2243-2244, 2245-2246, 2247-2248, 2249-2250, 2251-2252, 2253-2254, 2255-2256, 2257-2258, 2259-2260, 2261-2262, 2263-2264, 2265-2266, 2267-2268, 2269-2270, 2271-2272, 2273-2274, 2275-2276, 2277-2278, 2279-2280, 2281-2282, 2283-2284, 2285-2286, 2287-2288, 2289-2290, 2291-2292, 2293-2294, 2295-2296, 2297-2298, 2299-2300, 2301-2302, 2303-2304, 2305-2306, 2307-2308, 2309-2310, 2311-2312, 2313-2314, 2315-2316, 2317-2318, 2319-2320, 2321-2322, 2323-2324, 2325-2326, 2327-2328, 2329-2330, 2331-2332, 2333-2334, 2335-2336, 2337-2338, 2339-2340, 2341-2342, 2343-2344, 2345-2346, 2347-2348, 2349-2350, 2351-2352, 2353-2354, 2355-2356, 2357-2358, 2359-2360, 2361-2362, 2363-2364, 2365-2366, 2367-2368, 2369-2370, 2371-2372, 2373-2374, 2375-2376, 2377-2378, 2379-2380, 2381-2382, 2383-2384, 2385-2386, 2387-2388, 2389-2390, 2391-2392, 2393-2394, 2395-2396, 2397-2398, 2399-2400, 2401-2402, 2403-2404, 2405-2406, 2407-2408, 2409-2410, 2411-2412, 2413-2414, 2415-2416, 2417-2418, 2419-2420, 2421-2422, 2423-2424, 2425-2426, 2427-2428, 2429-2430, 2431-2432, 2433-2434, 2435-2436, 2437-2438, 2439-2440, 2441-2442, 2443-2444, 2445-2446, 2447-2448, 2449-2450, 2451-2452, 2453-2454, 2455-2456, 2457-2458, 2459-2460, 2461-2462, 2463-2464, 2465-2466, 2467

LOULA, Z.; SCHONFELD, V.

On the effect of the visual analyzer on the menstrual cycle.
Cesk. gynek. 29 no.1:124-127 F'64.

1. Gyn.-por. klin.lek.fak.hyg. KU v Praze (prednosta: doc.dr.
J.Padovec) a Nemocnice a poliklin. v Brandyse nad Labem.

*

PADOVEC, J.; SCHONFELD, V.

On the relation of endometriosis and inflammation of the internal genitalia. Cesk. gynek. 29 no.3:232-234 Ap'64

1. Gyn.-por.klin.lek.fak.hyg.KU v Praze; prednosta: doc.dr. J.Padovec.

*

SCHÖNFELD, V.

Some endocrine changes in the climacteric and their significance for the clinical picture of the climacteric and postmenopause. Cesk. gynek. 30 no.6:467-471 Ag '65.

1. Ustav pro peci o matku a dite v Praze (reditel doc. dr. J. Horsky, DrSc.).

VEGHELYI, Peter,; SCHONGUT, Laszli,; MARCSEK, Zoltan.

Hypothermia and hibernation. 4. Two cases of Waterhouse-Friedrichsen syndrome cured by timely treatment. Gyermekgyógyászat 6 no.4:112-115 Apr 55.

1. Budapesti Orvostudományi Egyetem Gyermekklinika, (igazgató: Gegesi Kiss Pal dr. egyetemi tanár)

(HIBERNATION, artificial

ther. of Waterhouse-Friedrichsen synd. in inf. & child.)

(WATERHOUSE-FRIEDRICHSEN SYNDROME, in infant and child
ther. with artif. hibernation)

SZEKELY, Aron, Dr.; SCHONGUT, Iasslo, Dr.; LUKACS, Ferenc V., Dr.

Fatal infantile pyoneumothorax caused by Bacterium anitratum. Orv.
hetil. 99 no.48:1690-1692 30 Nov 58.

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinika-jának
(igazgató: Gegesi Kiss Pál dr. akadémikus, egyet. tanár) közleménye.

(BACTERIA

Bacterium anitratum causing fatal pyopneumothorax in
inf. (Hun))

(PNEUMOTHORAX, in inf. & child

pyopneumothorax caused by Bacterium anitratum in inf.,
fatal case (Hun))

SCHONGUT, Iaszlo, Dr.; CSERHATI, Endre, Dr.; TURAI, Iaszlo, Dr.

Complications in steroid therapy in infancy and childhood. Gyermekgy-
aszat 10 no.8:225-236 Aug 1959

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinika-jának
(Igazgató: Dr. Gegesi Kiss Pál egyetemi tanár, akadémikus) közleménye
(STEROIDS, eff inj)
(PEDIATRIC DISEASES, ther)

SZEKELY, Aron, dr.; SCHONGUT, Laszlo, dr.; SZATHMARY, Sandor, dr.

Staphylococcal sepsis and thrombosis of the cavernous sinus.
Gyermekgyógyászat no.10:302-310 '62.

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinikájának
(Igazgató: Gegesi Kiss Pál dr. akadémikus, egyetemi tanár) és I. sz.
Szemklinikájának (Igazgató: Radnoti Magda dr. egyetemi tanár) közleménye.
(STAPHYLOCOCCAL INFECTIONS) (SINUS THROMBOSIS)
(MENINGITIS) (PERICARDITIS) (PLEUROPNEUMONIA)

SCHONGUT, Laszlo, Md.

HUNGARY

SZEKELY, Aron
APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530008-9

MD

Joint report by the No. 1 Children's Clinic (Director:
Pál GEGESI KISS, MD, Academician) Medical School, University
of Budapest (Budapesti Orvostudományi Egyetem I.sz.
Gyermekklinika) and No.1. Eye-Clinic (Director: Magda
RADNOTI, MD) of the Medical School, University of
Budapest (Szemklinika)

Budapest, Gyermekgyógyászat, No 10, Oct 62, pp 302-310.

"Septic Staphylococcus and Sinus Cavernosus Thrombosis."

Co-authors:

SCHONGUT, Laszlo, MD.
SZATHMARY, Sandor, MD.

SCHONGUT, L.; TURAI, L.

Les risques de la tonsillectomie et de l'adenoidectomie chez
des enfants atteints d'allergie respiratoire. Acta paediat.
acad. sci. Hung. 4 no.2:185-193 '63.

1. I^{ste} Clinique de Pédiatrie (Directeur: Prof. P. Gegesi Kiss)
de l'Université Médicale de Budapest.
(RESPIRATORY ALLERGY) (ADENOIDECTOMY)
(TONSILLECTOMY) (POSTOPERATIVE COMPLICATIONS)

SCHONGUT, L.; CSERHATI, E.

Albright's hereditary osteodystrophy. Acta paediat. acad. sci.
Hung. 4 no.3:373-388 '63

1. 1-ere Clinique de Pediatrie (Directeur: Prof. P. Gegesi Kiss)
de l'Universite Medicale de Budapest.

*

SCHONGUT, L.; TURAI, L. CSERHATI, E.; HUTTNER, I.

On problems related to chronic corticosteroid therapy. Acta
paediat. Acad. sci. Hung. 5 no.3:423-433 '64

1. I. Kinderklinik und II. Institut für Pathologische Anatomie
der Medizinischen Universität, Budapest.

SCHONGUT, S.

"New Trends in the Hydrogeneration of Coal, Tar, and Petroleum", P. 237,
(PALIVA, Vol. 34, No. 9, Sept. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EZAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

SCHOENGUT, S.

Czechoslovakia/Chemical Technology. Chemical Products and Their Application --
Treatment of natural gases and petroleum.
Motor fuels. Lubricants, I-13

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5555

Author: Vybihal, J., Schoengut, S.

Institution: None

Title: Aromatization of Gasolines and Production of Aromatic Hydrocarbons

Original
Publication: Chem. prumysl., 1956, 6, No 4, 133-137

Abstract: In a laboratory unit an investigation was made of the process of aromatization of gasolines and narrow gasoline fractions, obtained by hydrogenation under high pressure of the semi-coking tars of brown coal from northern Bohemia. The experiments were carried out with Mo- and Pt-catalysts. It is shown that these fractions can serve as the raw material for dehydrogenation, especially with the Pt-catalyst. In the 120-140° gasoline fraction, of the 2nd stage of hydrogenation, the content of aromatic C₈ compounds can be raised, by dehydrogenation,

Card 1/2

SCHONGUT, S

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application. Industrial Organic Synthesis.

H-15

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58299

Author : Vybihal J, Schongut S.

Inst :

Title : The Extraction of Cyclohexane from Synthetic Benzine and Benzene.

Orig Pub : Chem. prumysl, 1956, 6, No 9, 358-362.

Abstract : The possibility was studied of the extraction of cyclohexane (I) from synthetic benzine obtained during the hydrogenation of semicoked brown-coal resin, and from benzene (II) from coke-chemical production. It is indicated that after hydrogenation by direct distillation in a column with 35 theoretical plates, one can obtain sufficiently-pure I with a yield of 0.73 percent by weight (in resin); dephenolization of the resultant product lowers the yield to 0.33 percent by weight.

Card 1/2

SCHONGUT, S; SYKORA, M.

Thermal degradation of low-temperature tars.

P. 581. (CHEMICKY PRUMYSL) (Praha, Czechoslovakia) Vol. 7, no. 11, Nov. 1957

SO: Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 5, May 1958

HALUZICKY, M.; NEMEC, M.; CMELIK, M.; SCHONHERZOVA, K.

Evaluation of conservative therapy of scolioses. Acta chir. orthop. traum. cech. 29 no.4:328-332 Ag '62.

1. Orthopedicka klinika fakultnej nemocnice v Kosiciach, predn. doc. M. Haluzicky.

(SCOLIOSIS)

SCHONHOFFER, M.

"Mechanization of work on railroads abroad." p. 69.

ZELEZNICAR. (Ministerstvo dopravy). Praha, Czechoslovakia, No. 3, Mar.
1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530008-9

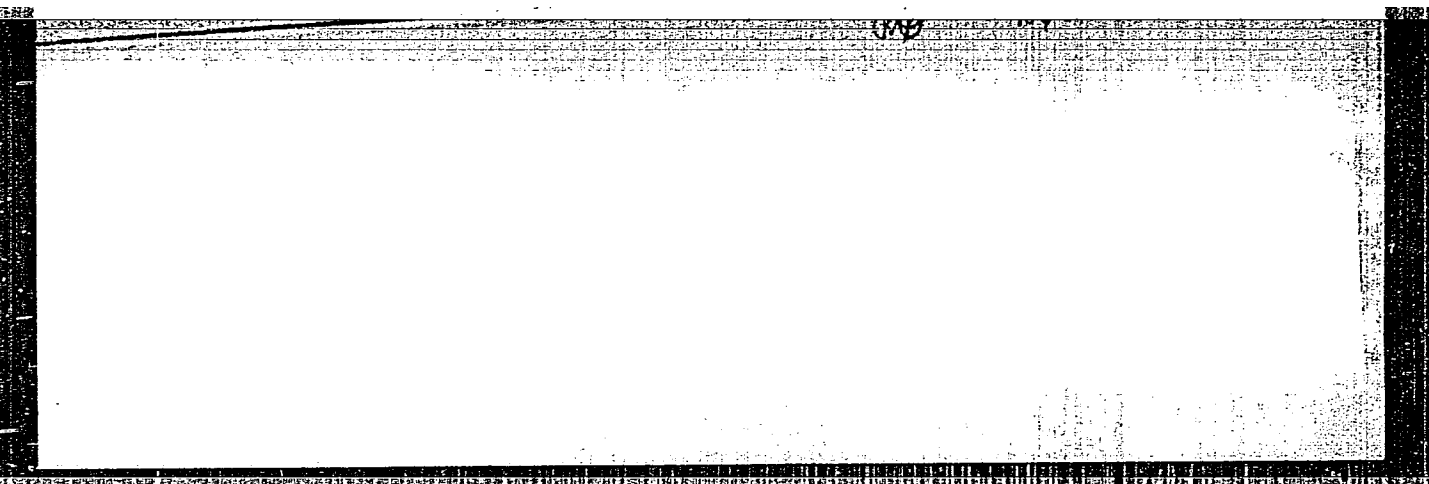
Schonholzer, R.

APPROVED FOR RELEASE: 03/14/2001

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APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530008-9"

SCHONTHALER, A.

Utilizing sewage from towns and factories in Czesochowa.

p. 308
Vol. 29, no. 9, Sept. 1955
GAZ, WODA I TECHNIKA SANITARNA
Warszawa

SO: Monthly List of East European Accessions (EEAL), LC, VOL. 5, no. 2
Feb. 1956

SCHONTHALER, A.

Water conditions and communal demands in the Czestochowa region.
p. 109. GAZ, WODA I TECHNIKA SANITARNA Warszawa Vol. 30, no. 3,
Mar. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

TOTH, Miklos; NEMETH, Laszlo; HEINRICH, Jozsef; HEGEDUS, Ferenc;
SCHOPPEL, Janos; VINCZE, Sandor

Society news. Bany lap 93 no. 5:352-359 My '60.

1. "Banyaszati Lapok" szerkeszto bizottsagi tagja (for Toth and Hegedus).
2. "Banyaszati Lapok" foszerkesztoje (for Heinrich).
3. Orszagos Magyar Banyaszati es Kohaszati Egyesulet Dorogi Csoport titkara (for Schoppel).
4. Orszagos Magyar Banyaszati es Kohaszati Egyesulet Banyaszati Szakosztaly titkara (for Vincze).

MIHALJEVIC, Fran, prof. dr.; FERLUGA, Cvijeta, dr.; SCHÖNWALD, Slavko, dr.

Hemorrhagic fever with renal syndrome. Med. gals. 19 no.8/9:
185-188 Ag-S '65.

1. Bolnica za zarazne bolesti u Zagrebu (Sef liječnik: prof.
dr. F. Mihaljevic).

L 39006-66 T JK

ACC NR: AP6029579

SOURCE CODE: YU/0015/65/000/08-/0185/0188

AUTHOR: Mihaljevic, Fran (Professor; Doctor); Ferluga, Cvijeta (Doctor);
Schonwald, Slavko (Doctor) 17B

ORG: Infectious Diseases Hospital/directed by Professor, Doctor F. Mihaljevic/,
Zagreb (Bolnica za zarazne bolesti)

TITLE: Hemorrhagic fever⁰ with renal syndrome

SOURCE: Medicinski glasnik, no. 8-9, 1965, 185-188

TOPIC TAGS: diagnostic medicine, gland, biologic metabolism, physiologic parameter

ABSTRACT: Data on 5 patients treated since 1952, and selected because considered the "most typical" among many: case histories, graphs showing course in individual patients; tabulation of 18 symptoms or signs or findings in the 5. Differential diagnosis discussion. [Based on authors' Eng. abst.] [JPRS: 36,599]

SUB CODE: 06 / SUBM DATE: none / SOV REF: 002 / OTH REF: 003

Card 1/1

HS

0917 2673

SCHONWALDER, ST.

Varian, Studia Medica, vol. IX, No. 19(663), 6 May 1962.

1. "Jubilee Pediatric Meeting," Anna SENED, pp. 1, 2.
2. "To Each According to His Needs - in Health Care," Dr. Boguslaw KOCZMINKI, p. 1.
3. "50 Years of Przewa," unsigned; p. 1.
4. "The Kilmowick Plant Trade," signed ISI; p. 1.
5. "Polish Red Cross Week," signed SI, p. 1.
6. "Planned Changes in the Organization of the Health Service," signed ISI; p. 2.
7. "Legal Problems in Medicine," unsigned; p. 2.
8. "Before the Fifth Congress of Professional Associations," signed SI; p. 2.
9. "Doctors discuss a Project for a New Law on Health Reform," signed SI; p. 2.
10. "Obituary: Maria CZERwik-KRZYWICKA," unsigned; p. 2.
11. "On the Eve of the Reform of Medical Studies," Prof. Dr. S. DEJNARSKI; p. 3.
12. "Dental Assistance of the American CARE Organization," unsigned; p. 3.
13. "Prof. Wlodzislaw KURCZYCKI, Member of the Brazilian Academy of Medicine," Polonia KURCZYCKI; p. 3.
14. "Prediction in the Cosmos," Dr. Barbara CARROLL, from Lubumburg, Congo; p. 3.
15. "Public Discussion on Medical Specialization," St. Przewalski, CD; p. 4.
16. "The Title: Organizer of the Health Service," Dr. St. Schonwaller; p. 4.
17. "Tenth Anniversary of the Hospital for Accident Surgery," Lech SKUTSICH; p. 4.

- 1/2 -

S/081/62/000/002/039/107
B151/B108

AUTHORS: Bojadshiev, L., Schopov, I.,

TITLE: A new accurate laboratory rheometer

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 170, abstract
2Ye26 (Dokl. Bolg. AN, v. 14, no. 3, 1961, 243 - 246)

TEXT: The construction of a laboratory rheometer for measuring the flow rate of a gas over a wide range with high accuracy is described. Increased accuracy is achieved by a considerable increase in the working length of the measuring tube, made in the form of a spiral. This rheometer is notable for its compact form and cuts out possible loss of manometric fluid. [Abstracter's note: Complete translation]

Card 1/1

SCHOPPEL. Janos, okleveles banyamernok, okleveles banyaipari gazdasagi-
mernok; KOVESS, Gyula, dr.

An experiment for the programming of the transport of coal
miners. Bany lap 97 no.9:585-596 S '64.

1. Dorog Coal Mining Trust, Dorog.

L 20525-66

ACC NR: AP5024839

(A)

SOURCE CODE: CZ/0078/65/000/009/0010/0010

AUTHOR: Schroder, H. (Engineer) (Berlin)

46

ORG: none

TITLE: Czech patent no. 5403-64

B

SOURCE: Vynalezky, no. 9, 1965, 10

TOPIC TAGS: transistor, multivibrator, voltage divider, electronics, electronic circuit

TRANSLATION: The bistable transistorized multivibrator with the controlling output voltage on the collectors which is equal to the supply voltage is characterized by the fact that the collector inlets to both transistors, cross coupled with both voltage dividers, are separated by one diode and connected with the divider so that in the first stable state of the multivibrator during which the first transistor is completely on and the second completely off, the anode of the diode pertaining to the first transistor has a collector voltage corresponding to the bend in the characteristic and the anode of the diode pertaining to the second transistor has a full load of feed voltage and in the second stable state of the multivibrator during which the second transistor is completely on and the first completely off, the anode of the diode pertaining to the second transistor has a collector voltage corresponding to the

Card 1/2

2

L 20525-66

ACC NR: AP5024839

0
bend in the characteristic. The collector inlets and the anodes of both diodes are everywhere connected with the negative pole of the feed source by means of an auxiliary resistor.

SUB CODE: 09

SUBM DATE: 29Sep64

Card 2/2 *LJC*

SCHOR, I., inz.

Revision of Czechoslovak Standard 44 1340: Coal Sorting
Test. Paliva 43 no.8:260-261 Ag'63

1. Ustav pro vyzkum uhli, Bechovice.

SCHOR, M., S. LAURIAN, OERIN, S., VOINESCU, M., IONESCU, M., WEITMAN,^Rand WEXLER, B.

Relation between the chemical structure and the tuberculostatic action of chemotherapeutic agents. I. Thiosemicarbazone. S. Oerin, M. Voinescu, M. Ionescu, R. Weitman, B. Wexler, S. Laurian, and M. Schor. Acad. rep. populare Rominc, Bul. Stiint. Sect. Stiint. med. 8, No. 1, 297-305 (1956).--The etherification of the hydroxyl group of p-hydroxybenzalthiosemicarbazone (I) with glycerol gives the p-dihydroxypropobenzalthiosemicarbazone, which has a different toxicity and tuberculostatic activity as compared to the original compound I, depending on the position of the glyceryl radical. In the ortho compd., the tuberculostatic activity is enhanced as well as the toxicity. The meta compd., the activity is diminished, while the toxicity is increased, and finally in the para compd., the tuberculostatic activity is increased while the toxicity is diminished. The aminobenzalthiosemicarbazones, with the amino group blocked with allythiocrea, has in vitro a higher activity than the p-acetylamino benzalthiosemicarbazone (T. B. 1) and a lower toxicity. In the series of o-, m-, and p-allyl-thioureidobenzalthiosemicarbazones, the more active seems to be the meta derivative, which produces in vitro, on Sauton media, a total inhibition of 1×10^7 and a partial inhibition of 1×10^8 . T. B. 1 produces 2×10^4 to 4×10^4 , resp.

Marthe Areos

SCHOLCHT, J.

Tasks of ministries in the management of the planned institutions.

p. 109

Vol. 5, no. 3, 1955

ZA SOCIALISTICKOU VEDU A TECHNIKU

Praha, Czechoslovakia

Source: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, no. 2
February 1956, Uncl.

SCHORCHT, J

Contribution to the determination of the economic effectiveness of investments
in industry.

p. 431
Vol. 5, no. 9, Sept. 1955
ZA SOCIALISTICKOU VEDU A TECHNIKU
Praha

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2
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TITLE: Numerical correlation analyzer

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ABSTRACT: The design, operating principle, and operation of a numerical correlation analyzer are briefly described. The device is intended for the computation of the values of correlation functions and carries out the integration of the product of two functions in a given time interval. The values of the functions are given by the amplitudes of the correlation signal patterns. The expressions for the autocorrelation and the correlation functions are given. The former expresses the degree of interdependence of the value of the characteristic curve $x(t)$ ampli-

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tude at a given moment of time t and of the value of the amplitude of the same characteristic curve at the moment of time $t + \tau$. The correlation function expresses, likewise, the degree of dependence of the amplitude of the characteristic curve $x(t)$ at a given moment of time t on the amplitude of the other characteristic curve $y(t)$ at a given moment of time $t + \tau$. From these relations it follows that the correlator must include an input circuit for feeding the values of the correlation functions to the counter, a multiplier for computing the product $x(t) \cdot x(t + \tau)$ or $x(t) \cdot y(t + \tau)$, an integrating circuit and an output circuit to record the value of the correlation function for the corresponding value of τ . Due to the very short duration of the radar pulses (of the order of $1 \mu s$) which are the source of information, the whole process of correlation estimation must proceed very rapidly which means that the analyzer must be high speed operating. The analyzer must pass through a preparatory stage in which it assimilates the method for estimating correlation functions. For this reason the frequency requirements are not particularly high. These may be outlined as follows: correlation interval $\tau = (1 - 10^5) \mu s$ can be automatically changed by jumps of $1 \mu s$ (with possible preliminary selecting), $10 \mu s$, and $100 \mu s$, the number of products per estimation is $N = 500$, and the operation interval per product is $Z_{op} = 250 \mu s$. A computer was chosen which is capable of carrying out numerical multiplication and addition,

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which best ensures accuracy of computations and the desired speed. Such a device can be used for the study of correlation functions in many fields. The analyzer operates in such a way that the signal patterns selected by the input circuits